| 1. COMPONENT  |         |           |                |              |           |       |        |       |        | 2. DA | TE   |         |
|---|---------|-----------|----------------|--------------|-----------|-------|--------|-------|--------|-------|------|---------|
|   | F       | Y 2008    | MILITARY CO    | NSTRUCTI     | ON PROJ   | ECT   | DATA   | Ā     |        | 31    | AUG  | 2005    |
| ARMY  |         |           |                |              |           |       |        |       |        |       |      | 2002    |
| 3. INSTALLATION AND   | LOCATIO | ON        |                | 4.           | PROJECT I | TITLE |        |       |        |       |      |         |
| Fort Example  |         |           |                |              |           |       |        |       |        |       |      |         |
| CONUS   |         |           |                | Au           | tomated   | l Fie | eld F  | 'ire  | e Rar  | ige ( | AFF) |         |
| 5. PROGRAM ELEMENT  |         | 6. CATEGO | ORY CODE       | 7. PROJECT   |           |       | 8. PR  |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         | 17        | 8 03           | 58           | 772       |       |        |       |        |       | 3,4  | 400     |
|   |         |           |                | COST ESTIMAT | TES       |       |        |       |        |       |      |         |
| 1.0000 /US\$  |         |           | ITEM           |              | U/M       | QU    | ANTITY | 7     | UNIT ( | COST  | COST | (\$000) |
| PRIMARY FACILIT   | Y       |           |                |              |           |       |        |       |        |       |      | 2,876   |
| Stationary In   | fantı   | ry Tgt.   | Emplmts        |              | EA        |       |        | 96    | 4,     | 569   |      | (439)   |
| One Man Foxho   |         |           | _              |              | EA        |       |        | 32    |        | 337   |      | (107)   |
| Service Roads   |         |           |                |              | LS        |       |        |       |        | -     |      | (68)    |
| Grading & Dra   | inage   | 2         |                |              | LS        |       |        |       |        | -     |      | (162)   |
| Clearing & Gr   |         |           |                |              | LS        |       |        |       |        | -     |      | (55)    |
| Total from Co   |         |           | page(s)        |              |           |       |        |       |        |       |      | (2,045) |
| SUPPORTING FACI   |         |           | <u> </u>       |              |           |       |        |       |        |       |      | 205     |
| Electric Serv   | ice     |           |                |              | LS        |       |        |       |        | -     |      | (205)   |
|   |         |           |                |              |           |       |        |       |        |       |      | , ,     |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
| ESTIMATED CONTR   | ACT (   | COST      |                |              |           |       |        |       |        |       |      | 3,081   |
| CONTINGENCY PER   |         |           | 용)             |              |           |       |        |       |        |       |      | 154     |
| SUBTOTAL  | 02111   | (3.00     | • /            |              |           |       |        |       |        |       |      | 3,235   |
| SUPERVISION, IN   | SPECT   | TON &     | OVERHEAD (     | 5.70%)       |           |       |        |       |        |       |      | 184     |
| TOTAL REQUEST   |         |           | (              | ,            |           |       |        |       |        |       |      | 3,419   |
| TOTAL REQUEST (   | ROUNI   | OED)      |                |              |           |       |        |       |        |       |      | 3,400   |
| INSTALLED EQT-O   |         |           | RTATTONS       |              |           |       |        |       |        |       |      | (0)     |
|   |         |           |                |              |           |       |        | ( 3 ) |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
| 10. Description of Pro  | posed   | Construct | ion            |              |           | 1     |        |       |        |       |      |         |
| Construct a sta   | ndaro   | d Autom   | ated Field     | Fire Ran     | ge (AFF   | '). I | Prima  | rv    | faci   | lit   | ies  |         |
| Construct a standard Automated Field Fire Range (AFF). Primary facilities include small range operations center, general instruction building, ammo |         |           |                |              |           |       |        |       |        |       |      |         |
| breakdown building, operations/storage building, latrine, bleacher enclosure,   |         |           |                |              |           |       |        |       |        |       |      |         |
| and covered mess. Supporting facilities include electric service and  |         |           |                |              |           |       |        |       |        |       |      |         |
| information sys   |         |           | _              |              |           |       |        |       |        |       | ed b | v       |
| Other Procureme   |         |           | _              |              | _         |       |        |       |        |       |      |         |
| measures includ   |         |           |                |              |           |       |        |       |        |       |      |         |
| and security gr   |         |           |                |              |           |       |        |       |        |       |      |         |
| not required. D   |         |           |                |              |           |       |        |       |        |       |      |         |
| kwr).   |         |           |                |              | _,,       |       |        |       | J ,    |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
| 11. REO:  |         | JONE      | ADOT:          | N-           | ONE       | SUF   | BSTD:  |       |        |       | NON  | <br>E   |
| · £   | -       |           | <b>&amp; -</b> |              |           | 301   |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |
|   |         |           |                |              |           |       |        |       |        |       |      |         |

|                                 | <u> </u>        |        |              |         |        |         | 1-                |          |  |  |  |  |
|---------------------------------|-----------------|--------|--------------|---------|--------|---------|-------------------|----------|--|--|--|--|
| 1. COMPONENT                    |                 |        |              |         |        |         | 2. DA             | ATE      |  |  |  |  |
|                                 | FY 2008 MI      | LITARY | CONSTRUCTION | PROJECT | DAT    | A       | 31                | AUG 2005 |  |  |  |  |
| ARMY                            |                 |        |              |         |        |         | 06                | MAY 2002 |  |  |  |  |
| 3. INSTALLATION AND LOCATION    |                 |        |              |         |        |         |                   |          |  |  |  |  |
| Fort Example                    |                 |        |              |         |        |         |                   |          |  |  |  |  |
| CONUS                           |                 |        |              |         |        |         |                   |          |  |  |  |  |
| 4. PROJECT TITLE                |                 |        |              |         |        |         | 5. PROJECT NUMBER |          |  |  |  |  |
|                                 |                 |        |              |         |        |         |                   |          |  |  |  |  |
| Automated Field Fire Range(AFF) |                 |        |              |         |        |         | 58772             |          |  |  |  |  |
|                                 |                 |        |              |         |        |         |                   |          |  |  |  |  |
| 9. COST ESTIN                   | MATES (CONTINUE | ED)    |              |         |        |         |                   |          |  |  |  |  |
|                                 |                 |        |              |         |        |         | Unit              | Cost     |  |  |  |  |
| Item                            |                 |        |              | U/M     | Qty    |         | Cost              | (\$000)  |  |  |  |  |
|                                 |                 |        |              |         |        |         |                   |          |  |  |  |  |
| PRIMARY FACILIT                 | TY (CONTINUED)  |        |              |         |        |         |                   | 2,045    |  |  |  |  |
| Demolition                      |                 | LS     |              |         |        | (1)     |                   |          |  |  |  |  |
| Lane Markers                    |                 |        |              | EA      |        | 32      | 288.56            | (9)      |  |  |  |  |
| Limit Markers                   |                 | EA     |              | 2       | 1,157  | (2)     |                   |          |  |  |  |  |
| Security Barr                   |                 | LS     |              |         |        | (4)     |                   |          |  |  |  |  |
| Range Operati                   |                 | LS     |              |         |        | (100)   |                   |          |  |  |  |  |
| Downrange Ele                   |                 | LS     |              |         |        | (1,306) |                   |          |  |  |  |  |
| Control Tower                   |                 | m2     | 23           | .04     | 8,894  | (205)   |                   |          |  |  |  |  |
| Operations/St                   |                 | m2     | 74           | .32     | 1,178  | (88)    |                   |          |  |  |  |  |
| General Instr                   |                 | m2     | 74           | .32     | 1,184  | (88)    |                   |          |  |  |  |  |
| Latrine, Dual                   |                 | m2     | 18           | .02     | 3,443  | (62)    |                   |          |  |  |  |  |
| Bleacher Encl                   |                 | m2     | 54           | . 44    | 1,490  | (81)    |                   |          |  |  |  |  |
| Covered Mess                    |                 | m2     | 70           | .61     | 923.81 | (65)    |                   |          |  |  |  |  |
| Ammo Breakdov                   |                 | m2     | 16           | .82     | 1,995  | (34)    |                   |          |  |  |  |  |
|                                 | -               |        |              |         |        |         |                   | •        |  |  |  |  |

# PROJECT:

Construct a standard Automated Field Fire Range (AFF). ([New] [Current] mission.

# REQUIREMENT:

This information is prepared to address the question "Why is the project needed now?" A continuing need for the project should also be indicated. Include a sentence stating the average daily loads/training throughput. Any alternatives to project construction should be identified along with the corresponding rational for rejection. In cases where the project is required to support unit activations, stationing actions or equipment modernization, clearly indicate what type of unit or what type of equipment has generated the programming action. List the units generically, not specifically. Also, provide a statement indicating if the project has been validated by the Range Development Plan.

### CURRENT SITUATION:

This information is required to answer the questions "How is the need currently being met" and "How does the unit currently operate?" Avoid emotional appeals. Be factual. Do not state that mission is not being met, instead describe the deficiencies in meeting mission. Include all factors considered in determining that the current facilities are not suitable for continued use.

2

| 1. COMPONENT        |          |       |             |              |         |                | 2. DATE |      |     |
|---------------------|----------|-------|-------------|--------------|---------|----------------|---------|------|-----|
|                     | FY       | 2008  | MILITARY    | CONSTRUCTION | PROJECT | DATA           | 31 AU   | G 20 | 105 |
| ARMY                |          |       |             |              |         |                | 06 MA   | Y 20 | 102 |
| 3. INSTALLATION AND | LOCATION |       |             |              |         |                |         |      |     |
| Fort Example        |          |       |             |              |         |                |         |      |     |
| CONUS               |          |       |             |              |         |                |         |      |     |
| 4. PROJECT TITLE    |          |       |             |              |         | 5. PROJECT NUM | IBER    |      |     |
|                     |          |       |             |              |         |                |         |      |     |
| Automated Field     | l Fire   | Dange | > / N G G \ |              |         | 5.9            | 2772    |      |     |

#### IMPACT IF NOT PROVIDED:

Information contained in this subsection will describe the results if the project is not approved and constructed. Indicate, where applicable, any adverse impacts on overall mission accomplishment, safety, etc. Do not just repeat the Current Situation. This paragraph defines the forecasted adverse impact on the continuing operation or mission. Begin this subsection with, "If this project is not provided..."

# ADDITIONAL:

Information in this subsection is easily entered by using the "Standard Statement Assistance" in the PAX processor. The statement choices for a typical range project follow:> Physical Security ñ 1st choice AT/FP ñ 1st choice Econ Analysis ñ 2nd choice Joint Use Certification ñ 2nd choice Sustainable Principles ñ yes This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

| ESTIMATED CONSTRUCTION START:       | MAR 2008 | INDEX: 2412 |
|-------------------------------------|----------|-------------|
| ESTIMATED MIDPOINT OF CONSTRUCTION: | SEP 2008 | INDEX: 2437 |
| ESTIMATED CONSTRUCTION COMPLETION:  | MAR 2009 | INDEX: 2463 |